



Glueing foam TECHNOMICOL 500

Single-component professional polyurethane glue foam

Product description

Glueing foam TECHNOMICOL 500 is a single-component professional polyurethane material with enhanced adhesion to various surfaces. The multipurpose glueing foam supplied in aerosol cans is suitable both for outdoor and indoor works. It has good resistance to moisture, mold and ageing, as well as excellent adhesion to concrete, cement plaster and other mineral surfaces, wood, chipboard, OSB, brick, metal, mosaic cladding, etc. (excluding polyethylene, silicone and Teflon). Does not contain substances that deplete the ozone layer of the atmosphere.

Area of application

Glueing foam TECHNOMICOL 500 is used for:

- quick and durable fixation of stone wool, PIR, XPS and EPS boards when arranging external and internal thermal insulation systems;
- fixation of decorative panels made of wood, plastic, tin, etc.;
- glueing plasterboard panels, OSB and plywood in dry construction systems;
- sealing gaps between thermal insulation boards.



Main characteristics

Properties	Performance
Weight of can, g	740±10
Volume of emitted foam, m ²	up to 12
Tack-free time at (23±5)°C, min	≤ 10
Total curing time, h	≤ 24
Adhesion strength, MPa:	
- with concrete	≥ 0.15
- with metal	≥ 0.07
- with wood	≥ 0.15
- with PVC membrane	≥ 0.07
- with XPS	≥ 0.13
Color	Blue

Performance of works

Application temperature range is from 0°C to +35°C. Do not apply the foam on the surface covered with frost or ice. The can temperature must be from +18°C to +25°C.

Moisten the application surface with a fine spray gun. Shake the can for at least 30 seconds before starting work, then screw the PU foam gun onto the cruciform nozzle of the can. The working position of the can is upside down. Apply the glueing foam to the surface and wait 5 minutes, this will allow the foam to expand completely and make it easier to adjust the panel. Place the panel against the wall and push until it sticks. One can correct the position of the attached panel within 15 minutes by moving it smoothly. All seams, gaps and holes should also be filled with the glueing foam. Uncured foam is washed off with TECHNOMICOL foam cleaner, hardened foam is removed mechanically. After polymerization, it is necessary to protect the foam from UV and atmospheric precipitation.

NOTE: Do not use near an open flame. Work in well-ventilated areas. Avoid contact with skin and eyes.

Storage

The foam cans should only be stored and transported upright in dry conditions at a temperature from +5°C to +40°C. It is prohibited to store cans in direct sunlight and allow them to heat to a temperature above +50°C. Shelf life if all storage requirements are met: 12 months from the date of production.

Packaging information

Metal cans of 1000 ml, 12 pieces per package.

TECHNICAL DATA SHEET 01.2021